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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

Appl. No.

10/037,942

Confirmation No. 7761

Applicant (s)

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Alain M. Sagnard et al

Filed

January 3, 2002

TC/A.U.

1772

Examiner

Jane J. Rhee

Title

BUILDING PANEL HAVING AT LEAST TWO PANEL DOMAINS

OF DIFFERENT AVERAGE COMPRESSIVE STRENGTH

Docket No.

61301A

Customer No.

00109

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BRIEF FOR APPELLANT - FEE SHEET

This is an appeal to the Board of Appeals from the action of the Primary Examiner finally rejecting Claims 1-12 and 15-22, in the above-identified patent application.

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Sir:

BRIEF FOR APPELLANT

This is an appeal from the final rejection of Claims 1-12 and 15-22 mailed 5 October 2004.

REAL PARTY IN INTEREST

The Real Party in Interest in this Appeal is Dow Global Technologies Inc.

RELATED APPEALS AND INTERFERENCES

At this time there are no related appeals or interferences.

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Page 1 of 22 Pages

STATUS OF CLAIMS

Claims 1-12 and 15-22 are pending and stand as rejected under a final rejection. Claims 13 and 14 were previously cancelled. Appellant appeals the rejection of Claims 1-12 and 15-22.

STATUS OF AMENDMENTS

Appellant filed no amendments after the pending final rejection. The Examiner's advisory action indicates amendments were entered after final rejection. Appellant can identify no such entered amendments and neither requested nor authorized any amendments subsequent to the pending final rejection.

SUMMARY OF INVENTION

The present claims recite a building panel (page 4, lines 14-32) that is useful for inserting into any of a number of cavities (e.g., page 1, lines 16-23; element 115 of Figures 2A-C as identified on page 12, lines 29-34; element 185 of Figures 4A-B as identified on page 14, lines 4-5) that may have different sizes, shapes and obstacles (e.g., page 3, lines 23-27). The building panel contains at least two panel domains (page 5, line 22- page 6, line 3), each with an essentially homogeneous compressive strength and an average compressive strength (page 6, lines 10-24). The building panel has at least two panel domains having different compressive strengths (page 8, lines 10-21); is essentially free of a combination of hollow and solid foam strands (page 18, lines 9-14); has an essentially uniform panel thickness (page 4, lines 12-21); fits fully within a cavity defined by cavity walls (e.g., page 1, lines 16-21; elements 110 and 120 of Figures 2A-C as described on page 12, lines 28-29; elements 180 and 190 of Figures 4A-B as identified on page 14, lines 4-5 and 12-13); has a compressive recovery that supplies sufficient pressure against the cavity walls to frictionally retain the building panel within the cavity (page 9, lines 25-35); has an edge containing a panel domain extending from a primary face to an opposing face at that edge (see, e.g., page 18, lines 18-29; elements 20 and 30 in Figure 1; elements 60 and 100 in Figures 2A-C; element 134 in Figure 3A; elements 144, 146, 148 and 150 in Figure 3B; elements 162 and 172 in Figures 4A-B; and Example 2 on page 21, lines 1-7); and, if the panel has at least two adjacent panel domains containing fibrous material with a fiber orientation, the fiber orientation of one panel domain is non-orthogonal to the fiber orientation of at least one adjacent panel domain (page 6, line 30 – page 7, line 8).

Claim 4 includes another limitation on the invention that is pertinent to the present appeal. Claim 4 requires that at least one panel domain of the building panel is a conformable panel domain (page 8, lines 22-28) that allows the panel to reversibly bend from a planar to non-planar configuration (page 11, lines 30-34; Figures 2A-C as described on page 12, lines 22-35).

ISSUES

The first issue is whether Claims 1-12, 15, 21 and 22 are patentable under 35 U.S.C. 103(a) over Grinshpun (US 6,226,943). The first issue contains three sub-issues:

- 1(a) -- Whether a building panel that simultaneously fits fully within "a cavity" defined by cavity walls and when in said cavity, the building panel has a compressive recovery that supplies sufficient pressure against the cavity walls to frictionally retain the building pane within the cavity is obvious in view of Grinshpun.
- 1(b) Whether a panel that simultaneously fits "<u>fully within</u>" a cavity defined by the cavity walls and when in said cavity, the building panel has a compressive recovery that supplies sufficient pressure against the cavity walls to frictionally retain the building panel within the cavity is obvious in view of Grinshpun.
- 1(c) Whether a building panel that contains at least two panel domains having different average compressive strengths wherein at least one panel domain is a conformable panel domain that <u>allows</u> the panel to reversibly bend from a planar to a non-planar configuration is obvious in view of Grinshpun, specifically the teaching on column 4, lines 65-66 in combination with Figure 6 of Grinshpun.

The second issue is whether Claims 16-20 are patentable under 35 U.S.C. 103(a) over Grinshpun in view of Malone (US 4,824,720).

GROUPING OF CLAIMS

Claims 1-3, 5-12 and 15-22 stand or fall together. Claim 4 stands separately. Appellant believes Claim 4 is patentable for the same reasons as Claim 1 (from which Claim 4 depends) and for the additional limitation that requires the building panel to have a conformable panel domain that allows the panel to reversibly bend form a planar to a non-planar configuration.

ARGUMENT

Issue 1: Whether Claims 1-12, 15, 21 and 22 are patentable under 35 U.S.C. 103(a) over Grinshpun (US 6,226,943).

The Office rejected Claims 1-12, 15, 21 and 22 as being obvious over Grinshpun. The Examiner contends that Grinshpun discloses a panel meeting all of the requirements of Claim 1-12, 15, 21 and 22 except for the required specific pressure of 100 - 200,000 Newton-per-square-meter that the panel applies against cavity walls (*see*, Office Action dated 4/13/2004 on pages 3-4, sustained in the Final Rejection of 10/5/2004 and Advisory Action of 12/6/2004). The Examiner concludes that it is obvious based on Grinshpun to provide a panel with a compressive recovery sufficient to exert such a pressure against cavity walls.

Appellant believes the Office is in error in rejecting Claim 1 as obvious over Grinshpun for failing to establish even a *prima facie* case of obviousness for any of at least two reasons: (a) Grinshpun fails to teach, suggest or motivate one of ordinary skill in the art to even consider a building panel that simultaneously fits fully within "a cavity defined by cavity walls" and that is frictionally retained within the cavity by pressure that the panel applies against the cavity walls; and (b) Grinshpun fails to teach, suggest or motivate one of ordinary skill in the art to even consider a building panel that fits "fully within" a cavity defined by cavity walls and that is frictionally retained within the cavity by pressure that the panel applies against the cavity walls. In fact, such a panel is necessarily contrary to the teachings of Grinshpun and renders

the Grinshpun panel <u>unsatisfactory for intended use</u> and as having a <u>changed principle</u> <u>of operation</u>. For these same reasons, Appellant finds the rejection of Claims 2-12, 15, 21 and 22 as unpatentable under 35 U.S. C. 103(a) over Grinshpun in error since these claims depend from and are necessarily narrower in scope than Claim 1.

Appellant believes the rejection of Claim 4 as unpatentable under 35 U.S.C. 103(a) over Grinshpun is further in error since Grinshpun fails to disclose or in any way motivate a skilled artisan to even consider a building panel having a conformable panel domain that allows the panel to reversibly bend from a planar to a non-planar configuration. As such, the Office has failed to establish a *prima facie* case that Claim 4 is obvious in view of Grinshpun. For this additional reason, Claim 4 can stand as patentable apart from the remaining claims.

This section of the brief first identifies requirements for establishing a prima facie case of obviousness and then addresses in order the two reasons of error (subissues "a" and "b") regarding Claim 1-12, 15, 21 and 22 and, as a third sub-issue ("c"), the reason of error specific to Claim 4.

Requirements for a Prima Facie Case of Obviousness

The MPEP defines requirements for establishing a prima facie case of obviousness in sections 2142 and 2143. A *prima facie* case of obviousness requires, among other things, establishing that the prior art suggests the desirability of the claimed invention:

Obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art.

MPEP§2143.01, third paragraph.

Furthermore, the proposed modification to a prior art reference cannot "render the prior art unsatisfactory for its intended use" or "change the principles operation of a reference." (MPEP§2143.01, clauses 5 and 6).

Issue 1(a): Whether a building panel that simultaneously fits fully within "a cavity defined by cavity walls" and when in said cavity, the building panel has a compressive recovery that supplies sufficient pressure against the cavity walls to

frictionally retain the building panel within the cavity is obvious in view of Grinshpun.

Claim 1, as well as each pending claim of Appellant's application, specifies a building panel the fits fully within "a cavity defined by cavity walls" and that applies sufficient pressure against "the cavity walls" to frictionally retain the panel within the cavity. This wording requires that the cavity walls defining the cavity into which the panel fits and the cavity walls against which the panel applies pressure <u>must be one</u> <u>and the same</u>. Furthermore, Appellant established that the building panel of Claim 1 must fit within <u>a single cavity</u> in a response dated 15 June 2004. Rather than restate that explanation here, since it does not appear to be in dispute, Appellant refers back to the response and incorporates it herein by reference. (In brief, unless the specification indicates otherwise, "a" as in "a cavity" takes a singular meaning).

The Examiner contends that Grinshpun discloses a foam that both fits fully within a cavity defined by cavity walls and that applies sufficient pressure to the cavity walls so to be frictionally retained within the cavity and points in Grinshpun to column 5, lines 2-5 (see, Office Action dated 4/13/2004); column 3, lines 1-5 and Figure 6 (see, Office Action dated 10/5/2004) and Figure 6 in combination with Figure 1A (see, Advisory Action dated 12/6/2004). The Examiner asserts that the frame defined by elements 1 of Figure 1A in Grinshpun defines a cavity (Advisory Action, throughout) and that the clamping action of the Grinshpun panel onto support members serves to satisfy the requirement that the panel exert sufficient pressure against cavity walls to frictionally retain the panel within a cavity (Advisory Action, page 3). However, in supporting such an argument, the Examiner is inconsistent by simultaneously requiring the support elements of Grinshpun to serve as cavity walls and denying that the support elements are cavity walls.

In the Advisory Action dated 12/6/2004, the Examiner relies on the framework (element 1 in Figure 1A) of Grinshpun as the cavity walls defining the cavity in which the Grinshpun panel fits. The framework (element 1) is distinct from the support members (elements 2) in Figure 1A. The support members (elements 2 in Figure 1A) cannot qualify as the same cavity walls as the framework (element 1). In fact, the Examiner precisely denies that the support elements serve as cavity walls by arguing that the support members do not define the cavity into which the panel fits (see

Advisory Action, throughout) and even goes as far as to assert that the support members are not part of the framework at all but rather part of the panel (*see*, Advisory Action, pages 2-3). Nonetheless, as previously stated, the Examiner relies on the support elements for the framework component against which the panel applies pressure sufficient to frictionally retain within the cavity. If the support members (elements 2) do not define the cavity into which the panel fits, then frictional retention of the panel from the clamping action of the panel around a support member does not qualify as pressure against "the cavity walls" – as is necessary in each of Appellant's Claims. The support members cannot serve as the cavity walls for Appellant's pressure requirement but not for defining the cavity – Appellant requires the same cavity walls in both claim elements.

If the Office wishes to define support members (elements 2) as the cavity walls defining the cavity into which the panel is to fully fit, then the panel of Grinshpun is outside Appellant's claims by necessarily extending outside of "a cavity" defined by the cavity walls against which the panel applies pressure. In order to clamp onto a support element, (see, e.g., figures 2B, 4B and 4C in Grinshpun) the panel of Grinshpun must extend to both sides of a support element. If the support element serves as a cavity wall, the panel necessarily extends beyond a single cavity defined by that cavity wall – contrary to the requirements of Claim 1. As such, the panels of Grinshpun do not satisfy the requirement of either fitting into "a cavity" (a single cavity) or fitting "fully within" a cavity (see, further discussion on fitting "fully within" under Issue 1(b), below) and, therefore, are outside the scope of Appellant's claims.

The panels of Grinshpun can only satisfy the requirements of fitting within a cavity (though not necessarily "fully within" the cavity, *see* discussion under Issue 1(b), below) defined by cavity walls and applying pressure against the cavity walls if the Grinshpun panel extends to the framework (element 1 of Figure 1A) and applies sufficient pressure against the framework so as to be frictionally retained in that framework. Such teaching is foreign to Grinshpun. Grinshpun teaches that the panels contain a "cutout" on their ends to allow one panel to extend over an intervening support member and abut against an adjoining panel within a framework (*see*, *e.g.*, column 3, line 10 through column 4, line 10; Figure 2A and B; and note the cutout

present in Figure 3A and Figure 4A). Such teaching suggests multiple panels are necessary to span a framework within the context of Grinshpun. Furthermore, Grinshpun does not offer any suggestion of a panel applying any pressure against either an *intervening* support member or the framework. As such, a panel that fits within a cavity defined by cavity walls and that applies pressure against those same cavity walls sufficient to retain the panel within the cavity is foreign to Grinshpun.

Appellant fails to find in Grinshpun any teaching, suggestion or motivation to even consider a panel that simultaneously fits within a single cavity defined by cavity walls and that is frictionally retained within the cavity by applying pressure <u>against</u> those same cavity walls. Since such limitations are necessary in each of Appellant's claims, Appellant believes none of their claims, in particular Claims 1-12, 15, 21 and 22, are even *prima facie* obvious in view of Grinshpun.

Issue 1(b): Whether a panel that simultaneously fits "fully within" a cavity defined by the cavity walls and when in said cavity, the building panel has a compressive recovery that supplies sufficient pressure against the cavity walls to frictionally retain the building panel within the cavity is obvious in view of Grinshpun.

Claim 1, and each claim of Appellant's application, requires that the claimed building panel fit "fully within" a cavity defined by cavity walls – the same cavity walls against which the panel applies pressure.

It is important to establish proper meaning of claim terms. During examination, the Office is to interpret claim meanings as broadly as possible, in view of any limitation that the specification or one of ordinary skill in the art would place on the interpretation and an interpretation of a word must be consistent with the word's well known usage. (see, MPEP §2111.01 first, third and fourth paragraphs). When the specification does not precisely define a term, a standard dictionary may be used to define the claim. (Irah H. Donner, "Patent Prosecution: Practice & Procedure Before the U.S. Patent Office", Third Edition, Bureau of National Affairs, Inc., Washington, D.C., 2003, page 1152 citing to In re Barr, 444 F.2d 588, 170 USPQ 339 (C.C.P.A 1971), (The CCPA used Hackh's Chemical Dictionary to define "phenyl radical" in an absence of a definition in the specification)).

Claim 1 of Appellant's application specifies a building panel that fits "fully within" a cavity. Appellant's application does not provide an express definition for "fully within," beyond that shown in the Figures; nor is such a phrase a term of art within the building industry. Therefore, the plain meaning of this phrase is properly elucidated from a standard dictionary. As such, Appellant provides copies from Webster's Third New International Dictionary (Unabridged) and Merriam-Webster's Collegiate Dictionary, 10th ed. showing definitions for "fully," "within," and "cavity."

Fully. Each source provides two possible definitions for the word "fully": (1)

Completely, or in a full manner or degree; and (2) at least. The second definition, in each source, provides an exemplary usage. It is important to note that each exemplary usage for the second definition identifies a portion of a whole (i.e., "fully half the class" and "fully nine tenths of us"). That is, the second definition of "fully" (i.e., "at least") requires identifying that portion of an object to which "fully" refers. The phrase "where said panel fits fully within a cavity defined by cavity walls" identifies no less than the entire panel. There is no reference, e.g., to "fully half the panel" or "fully two thirds the panel," as is necessary for the meaning "at least" to apply. Therefore, the only reasonable definition applicable to "fully" in the context of the present Claim is the first definition: "Completely."

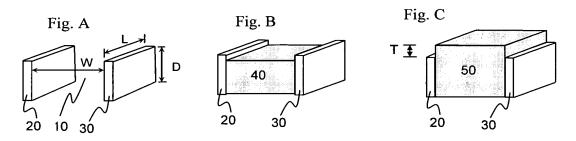
Within. The term "within" is a preposition in the pertinent phrase of Claim 1. Each source provides three possible definitions. The second in each is temporal and does not apply in the context of Claim 1. The remaining two indicate a meaning of enclosed by, contained by or to the inside of.

<u>Cavity</u>. Cavity is a three-dimensional discontinuity in the substance of a mass or body; a space within a mass; a space hollowed out." In other words, a cavity is a three-dimensional discontinuity or space defined by something.

In view of these definitions, Appellant contends that the plain meaning of "fully within a cavity defined by cavity walls" is: <u>completely contained by or inside of the three-dimensional space defined by cavity walls</u>. Therefore, Claim 1, as well as each Claim of the present invention, requires a building panel that <u>fits completely</u>

within (is completely contained by or inside of) the three-dimensional space defined by cavity walls and, in the context of Claim 1, those cavity walls are the same walls against which the panel applies pressure in order to establish frictional retention within the cavity.

Figs. A-C, below, help illuminate the plain meaning of "fully within a cavity defined by cavity walls." Figure A, below, illustrates cavity 10 defined by cavity walls 20 and 30. Cavity 10 is a three-dimensional space having dimensions W, L and D in the width, length and depth dimensions, respectively, as defined by cavity walls 10 and 20. Figure B illustrates element 40 that is "fully within" cavity 10 since it is completely contained by and inside of the three-dimensional space defined by cavity walls 20 and 30. Figure C illustrates element 50 that is not "fully within" cavity 10 since a portion of thickness "T" extends outside of cavity 10 by protruding in the depth dimension out of the three-dimensional space defined by cavity walls 20 and 30.

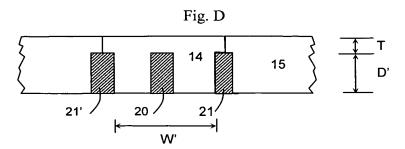


Each of Appellant's figures are consistent with this interpretation by showing a panel that is fully contained by or inside of a three-dimensional space defined by cavity walls, *i.e.*, a panel fully within a cavity defined by cavity walls (*see*, Fig. 2C, Fig. 4B, and Fig. 5B). Each of these figures illustrate a building panel fully within a cavity – no portion of the building panel extends outside of the three dimensional space defined by the cavity walls in the width, length or depth dimension.

The Examiner asserts that the panels of Grinshpun fit into a framework such as that defined by elements 1 in Figure 1A of Grinshpun and then simply concludes that the Grinshpun panel fits fully within the cavity defined by the framework. (*see*, Advisory Action page 5 and Final Rejection dated 10/5/2004, page 2). Appellant finds the panel of Grinshpun to necessarily extend out of any cavity defined by cavity walls in at least the *depth* dimension, if not both *depth and width* dimensions,

rendering the Grinshpun panel unable to fit "fully within" a cavity defined by cavity walls. As such, Appellant finds the teaching of Grinshpun to fall short of teaching, suggestion or motivating one of ordinary skill in the art to even consider a panel that fits fully within a cavity defined by cavity walls, particularly cavity walls against which the panel applies sufficient pressure to frictionally retain the panel in the cavity. Furthermore, Appellant finds that modifying a Grinshpun panel to fit "fully within" a cavity defined by cavity walls and to apply enough pressure against those cavity walls to frictionally retain the panel in the cavity renders the Grinshpun panel unsatisfactory for its intended use and changes the principle operation of Grinshpun's teaching.

Figures 2A and 2B of Grinshpun illustrate the general shape of the polymer foam sheet (i.e., "panel") for the invention of Grinshpun. The general shape in these figures is not simply an embodiment, but illustrates the general shape of the invention (see, column 3, lines 10-11). By necessary design, the panels of Grinshpun have grooves into which vertical support members of a framework fit (see, e.g., column 2, line 53 – column 3, line 9, as well as each figure). Importantly, the grooves in which the vertical members fit have a depth that is necessarily less than the thickness of the panel. The panels clamp around support elements that fit into the grooves. The design of the Grinshpun foam sheets (i.e., panels) further implement an end grove tab that extends above and over vertical support members against which the panel terminates. Figure 2B, partially reproduced below as Fig. D (label 21' added for clarity), shows panel 14 butting up to panel 15 at intervening support member 21. Panel 14 clamps around support member 20 and fits between support members 21 and 21'. Panel 14 extends above the support members 20, 21 and 21' by a thickness "T" in a depth dimension. Of critical importance is the observation that Panel 14 necessarily extends outside of a cavity defined by support elements 21 and 21' in both depth (D') and width (W') dimensions.



Considering Grinshpun further, only three options are available in defining cavity/panel correlations in Grinshpun relative to the panel 14 of Figure 2B: (1) the panel fits fully within a cavity defined by a framework such as element 1 in Figure 1A, which is not illustrated in Figure 2B; (2) the panel fits fully within a cavity defined by the outermost support elements (e.g., 21 and 21' for panel 14 in Fig. D); or (3) the panel fits fully within a cavity defined by a cavity wall comprising the support member about which the panel clamps and applies pressure.

In regards to option (1), there is no teaching in Grinshpun suggesting that any panel even contacts the outermost framework (element 1 of Figure 1A), let alone applies sufficient pressure to frictionally retain the panel within that framework. Therefore, it can only be with impermissible use of hindsight from Appellant's application that one may assume such a pressure is present in conjunction with the Grinshpun teaching regarding the framework (element 1 of Figure 1A).

Furthermore, there is no teaching, suggestion or motivation in Grinshpun that the outermost framework has a depth any different from the support members and so the panel of Grinshpun is also expected to protrude an amount T beyond the depth dimension of the framework. Since the panel of Grinshpun extends beyond any cavity defined by the support members by a magnitude "T" in the depth dimension, a skilled artisan would expect the same to be true of a cavity defined by an outer framework. As such, a skilled artisan would conclude that the Grinshpun panel extends outside of the three-dimensional space defined by the framework (i.e., not expect the panel of Grinshpun to fit "fully within" the cavity defined by the framework). Such a conclusion is reinforced by Grinshpun's teaching that the major side of the foam sheet that does not have grooves forms an interior or exterior wall of a building. (column 6, lines 13-18 of Grinshpun). According to Grinshpun, the wall is formed by the portion of the sheet having a thickness T, which stands proud of the building framework. An artisan understands that a wall completely covers a framework (the framework does not protrude through or remain exposed through a wall). Therefore, the foam sheet (panel) of Grinshpun cannot fit fully within a cavity defined by the framework or the framework would extend through them all - contrary to the teaching of Grinshpun that a thickness T of the panel forms a wall.

Grinshpun fails to render the invention of any of Appellant's claims obvious under option 1 for two reasons: (1) there is no suggestion, teaching or motivation to believe that the panel of Grinshpun applies sufficient pressure against the outermost framework so as to frictionally retain the panel within a cavity defined by the framework; and (2) there is no suggestion, teaching or motivation to believe that the panel of Grinshpun fits "fully within" a cavity defined by the outermost framework. Actually, to have the Grinshpun panel fit fully within a cavity defined by the foam would both render the Grinshpun panel unsatisfactory for its intended use and change the principle operation of the Grinshpun reference since the Grinshpun panel must extend a thickness T over the framework to form a wall.

In regards to option 2, where outermost support elements are cavity walls, the teachings of Grinshpun fail to teach, suggest or motivate one of ordinary skill in the art to consider Appellant's invention for the same reasons as under option 1. Grinshpun teaches that panel 14 extends partially over support elements 21 and 21'. The panel necessarily protrudes a thickness "T" in the depth dimension out of the cavity defined by elements 21 and 21'. The Grinshpun panel also extends over the outermost support elements with tabs – thereby protruding beyond the cavity defined by the outermost support elements in the width dimension. Since the Grinshpun panels extend beyond a cavity defined by the outermost support elements in both the depth and width dimensions the panels of Grinshpun fail to be enclosed by a three-dimensional space (i.e., "fit fully" within a cavity) defined by the outermost support elements. To design a panel that does fit fully within such a cavity would be contrary to the necessary design of Grinshpun.

In regards to option 3, Grinshpun does teach that the panel applies pressure against the support member around which it clamps. However, the panel of Grinshpun by necessary design *protrudes in both the width and depth dimension* outside of any cavity defined by the support member over which it clamps (consider panel 14 and element 20 in Fig. D, above). As such, Grinshpun is also outside Appellant's claims scope under option 3.

Appellant fails to find in Grinshpun any teaching, suggestion or motivation to even consider a panel that simultaneously fits "fully within" (*i.e.*, is completely contained by or inside of) a single cavity defined by cavity walls and that is

frictionally retained within the cavity by applying pressure against those cavity walls, and in fact finds such limitations contrary to the teachings of Grinshpun. Since such limitations are necessary in each of Appellant's claims, Appellant believes none of their claims, in particular Claims 1-12, 15, 21 and 22, are *prima facie* obvious in view of Grinshpun.

Issue 1(c): Whether a building panel that contains at least two panel domains having different average compressive strengths wherein at least one panel domain is a conformable panel domain that allows the panel to reversibly bend from a planar to a non-planar configuration is obvious in view of Grinshpun, specifically the teaching on column 4, lines 65-66 in combination with Figure 6 of Grinshpun.

Claim 4 depends from Claim 1. Claim 1 specifies a building panel comprising at least two panel domains having different average compressive strengths. Claim 4 further requires that the panel contains at least one conformable panel domain that allows the panel to reversibly bend from a planar to a non-planar configuration.

Appellant contends that Claim 4 is patentable over Grinshpun for the same reasons cited under issues 1(a) and 1(b). Furthermore, Appellant contends that the Office is in error in finding the additional limitation of Claim 4 *prima facie* obvious in view of Grinshpun.

The Examiner notes that Grinshpun teaches a panel that has both rigid and conformable panel domains and immediately concludes that the conformable panel domain "by definition allows the panel to reversibly bend or bend in any direction from a planar to a non planar or any other configuration." (Advisory Action, page 6. see also, Final Rejection dated 10/5/2004 on page 3). The Examiner uses as support teachings in Grinshpun on column 4, lines 65-66 and Figure 6.

The mere presence of a conformable panel domain in combination with a non-conformable domain *does not necessarily allow* the panel to reversibly bend from a planar to a non-planar configuration, <u>particularly a combination of such panel domains as taught in the cited portions of Grinshpun</u>. In order for a conformable domain to "allow" a panel to reversibly bend, the panel must be able to bend along that conformable domain. The Examiner identifies domains 61-66 as conformable domains in the panel of Figure 6. The panel cannot bend along any of those domains

in order to reversibly go from a planar to a non-planar configuration. The Examiner appears to recognize this in the argument set forth in the Advisory Action, addressing how bending can occur along a rigid domain (*see*, Advisory Action pages 6-7). If bending occurs along a rigid domain, the conformable domain is not "allowing" the panel to reversibly bend. The Examiner has not supported a conclusion that the mere presence of a conformable domain in combination with a non-conformable domain necessarily allows a panel to reversibly bend from a planar to non-planar configuration. Furthermore, the teachings in Grinshpun fail to suggest a panel having a combination of conformable and rigid domains such that the <u>conformable domain</u> "allows" the panel to reversibly bend from a planar to non-planar configuration.

Grinshpun teaches the use of compressible domains in combination with rigid domains only in a configuration where the compressible domains are adjacent to grooves to allow for compression and clamping onto vertical support members in a construction framework (*see*, *e.g.*, Figures 3-6 and column 3, lines 52-55). An entire panel in Grinshpun can be compressible (column 4, lines 6-7). However, when in combination with a rigid foam, only that portion of the panel adjacent to a groove must be compressible (column 4, lines 7-10).

Appellant fails to find any teaching, suggestion or motivation in Grinshpun that would motivate a skilled artisan to consider a panel with both a rigid and conformable domain where the panel can bend along a conformable domain. On the contrary, each embodiment of the Grinshpun panel that has both rigid and compressible domains has a rigid domain forming at least one complete face of the panel. As such, any bending of the panel must be along a rigid domain and not a compressible or conformable domain. One desired embodiment in Grinshpun specifically requires both a rigid foam backing and a support layer along a face of the panel (see column 4, lines 27-30 and Figure 4). Such a configuration can only serve to hinder the panel from bending into a non-planar configuration.

The portion of Grinshpun relied on by the Examiner, as well as the rest of Grinshpun fails to teach, suggest, or motivate one of ordinary skill in the art to even consider a panel that has a combination of a conformable domain and a rigid domain such that *the conformable domain* "allows" the panel to reversibly bend from a planar to non-planar configuration. Furthermore, such a panel would "render the prior art

unsatisfactory for its intended use" and "change the principle operation" of Grinshpun by elimination g the rigid face of a panel as required by Grinshpun. Therefore, Appellant believes Grinshpun fails to render the invention of Appellant's Claim 4 even *prima facie* obvious for these reasons, as well as for the reasons argued under issues 1(a) and (b).

Issue 2: Whether Claims 16-20 are patentable under 35 U.S.C. 103(a) over Grinshpun in view of Malone (US 4,824,720).

The Office rejected Claims 16-20 as being obvious over Grinshpun in view of Malone. Claims 16-20 depend from Claim 1. The Examiner relies on Grinshpun for the same reasons cited under Issue 1 for Claim 1 and only cites Malone in regards to additional limitations in Claims 16-20 claims (*see*, Office Action dated 4/13/2004 on pages 5-6).

Appellant believes the Office is in error rejecting Claims 16-20 as obvious over Grinshpun in view of Malone for the same reasons cited above under Issues 1(a) and 1(b). Malone offers teachings to coalesced foam strands and fails to remedy the building panel differences between Grinshpun and Appellant's panel of Claim 1. As such, differences identified under Issues 1(a) and 1(b) between Claim 1 (and each claim depending from Claim 1, including Claim 16-20) and Grinshpun persist even in view of a combination of Malone with Grinshpun. Therefore, Appellant believes Claims 16-20 are patentable over Grinshpun in view of Malone.

ADDITIONAL REMARKS

The Examiner raised for the first time in the Advisory Action dated 16 December 2004 a challenge to the clarity of Claim 1. Such a challenge first raised in an Advisory Action cannot be deemed a valid ground for final rejection since the challenge would constitute a new ground for rejection that is not based on a new claim amendment (*see*, MPEP §706.07(a), second paragraph). Nonetheless, Appellant desires to address the challenge to defeat it as a possible future ground for rejection.

The Examiner contends that the phrase "when in a cavity" renders Claim 1 unclear since one cannot tell whether Appellant is claiming a cavity with the building

Appln. No. 10/037,942 Breif for Appelant dated February 4, 2005 Reply to Final Rejection of October 5, 2004

panel or if Appellant is claiming that the building panel domains are capable of being in a cavity (see, Advisory Action, page 1, third paragraph).

Proper analysis of the clarity of a claim requires reading the claim in light of (a) the content of particular application disclosure; (b) teaching of the prior art; and (c) interpretation given by one possessing ordinary skill in the art. (see, MPEP§2173.02).

Appellant first notes that the Examiner is miss-quoting Claim 1 since the quoted phrase does not exist in Appellant's Claim 1. The closest language to that cited by the Examiner is in part (d) of Claim 1. The pertinent section reads: "wherein said panel: ... (d) fits fully within a cavity defined by cavity walls and, when in said cavity, the building panel has compressive recovery that supplies sufficient pressure against the cavity walls to frictionally retain the building panel within the cavity."

One of ordinary skill in the art would understand from the context of Claim 1, particularly in view of teaching in Appellant's application, that the claimed invention is a building panel and that reference to a cavity is solely for the purpose of defining the compressive recovery character of the panel and to give dimensional perspective to the panel when in use. The preamble of Claim 1 refers to "A building panel" and not a building panel and a cavity. Furthermore, Claim 1 only discusses a cavity in the context of the compressive recovery character and dimensional perspective (*i.e.*, fits fully within a cavity) of the panel. As Appellants argued earlier in this brief, the pertinent limitation in Claim 1 refers to the building panel being capable of fitting fully within a cavity defined by cavity walls and that while within that cavity the panel is capable of applying sufficient pressure against those cavity walls so to remain frictionally retained in the cavity. Therefore, Appellant contends that the only reasonable interpretation of Claim 1 recognizes that the cavity is not part of the invention but is rather present in order to define the properties of the panel.

CONCLUSION

Appellant believes that the Office has failed to support even a *prima facie* case of obviousness against Claims 1-12 and 15-22 over Grinshpun and a combination of Grinshpun and Malone for at least one of the following reasons:

(1) Neither Grinshpun nor Malone teach or suggest a building panel that simultaneously fits within a single cavity defined by cavity walls and that

Appln. No. 10/037,942 Breif for Appelant dated February 4, 2005 Reply to Final Rejection of October 5, 2004

is frictionally retained within the cavity by applying <u>pressure against the</u> <u>cavity walls</u>. The teachings in Grinshpun only reveal a panel applying pressure to a support member over which the panel clamps. As such, the panel cannot fit within a single cavity defined by that support member.

(2) Neither Grinshpun nor Malone teach or suggest a building panel that simultaneously fits "fully within" a cavity defined by cavity walls and that is frictionally retained within the cavity by applying pressure against the cavity walls. The teachings in Grinshpun reveal a panel that necessarily extends in at least one dimension outside of a cavity defined by any cavity walls against which the panel applies pressure.

Furthermore, Appellant believes that the Office has failed to establish that Claim 4 is even *prima facie* obvious over Grinshpun for any of the above reasons and, or additionally, because Grinshpun fails to teach or suggest in any way that would motivate a skilled artisan to even consider a panel having a combination of rigid and conformable domains in an arrangement where the conformable domain *allows* the panel to reversibly bend from a planar to a non-planar configuration.

In view of these arguments, Appellant respectfully requests reversal of all rejections of Claims 1-12 and 15-22 and issuance of a notice of allowance for these same claims.

Respectfully submitted,

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akm

APPENDIX

CLAIMS ON APPEAL:

- 1. (Previously amended) A building panel comprising at least two panel domains, wherein each panel domain has an essentially homogeneous compressive strength and an average compressive strength; wherein said panel:
 - (a) has at least two panel domains having different average compressive strengths;
 - (b) is essentially free of a combination of hollow and solid foam strands;
 - (c) has an essentially uniform panel thickness;
 - (d) fits fully within a cavity defined by cavity walls and, when in said cavity, the building panel has a compressive recovery that supplies sufficient pressure against the cavity walls to frictionally retain the building panel within the cavity, said pressure being 100 Newtons-per-square-meter or more and 200,000 Newton-per-square-meter or less;

and wherein, if said panel has at least two adjacent panel domains containing fibrous material with a fiber orientation, the fiber orientation of one panel domain is non-orthogonal to the fiber orientation of at least one adjacent panel domain and wherein the panel has an edge containing a panel domain extending from a primary face to an opposing face at that edge.

2. (Original) The panel of Claim 1, wherein at least two domains differ in average compressive strength by at least 5%.

Appln. No. 10/037,942 Breif for Appelant dated February 4, 2005 Reply to Final Rejection of October 5, 2004

- 3. (Original) The panel of Claim 1, wherein at least one panel domain is a conformable panel domain that, when compressed, reduces at least one dimension of the panel thereby allowing insertion of the panel into a cavity; wherein the panel also has a compressive recovery that causes frictional retention of the panel within the cavity.
- 4. (Original) The panel of Claim 1, wherein at least one panel domain is a conformable panel domain that allows the panel to reversibly bend from a planar to a non-planar configuration.
- 5. (Original) The panel of Claim 1, wherein the panel has a primary face, a face opposing the primary face, a panel thickness, and a slit penetrating to a depth less than the panel thickness traverses the primary face or the face opposing the primary face.
- 6. (Original) The panel of Claim 1, wherein the panel has alternating conformable and rigid panel domains.
- 7. (Original) The panel of Claim 1, wherein the panel has a perimeter and said perimeter comprises at least one conformable panel domain.
- 8. (Original) The panel of Claim 1, wherein the panel has a conformable panel domain along at least one edge.
 - 9. (Original) The panel of Claim 1, wherein the panel domains are bands.
- 10. (Original) The panel of Claim 1, wherein the panel has at least one edge that comprises a tongue or groove profile.
- 11. (Original) The panel of Claim 1, wherein at least one panel domain is a polymeric foam.

- 12. (Original) The panel of Claim 11, wherein each panel domain comprises a polymeric foam.
 - 13. (Cancelled)
 - 14. (Cancelled)
- 15. (Original) The panel of Claim 11, wherein at least one panel domain has an open cell content of 5 percent or more, according to American Society for Testing and Materials method D2856-A.
- 16. (Original) The panel of Claim 1, wherein at least one panel domain comprises coalesced polymeric foam strands.
- 17. (Original) The panel of Claim 16 wherein the coalesced polymeric foam strands comprise polypropylene.
- 18. (Original) The panel of Claim 16, wherein at least one panel domain comprises coalesced polymeric foam strands having interstrand spaces.
- 19. (Original) The panel of Claim 1, wherein the panel comprises coalesced polypropylene foam strands having an average cell diameter within a range of from 0.01 millimeters to 10 millimeters, and having a density within a range of from 5 kilograms per cubic meter to 100 kilograms per cubic meter; wherein at least one panel domain has an open cell content of 5 percent or more, according to American society for Testing and Materials method D2856-A.
- 20. (Original) The panel of Claim 11, wherein the foam's average cell diameter is within a range of from 0.1 millimeters to 4 millimeters, the foam's density is within a range of from 5 kilograms per cubic meter to 50 kilograms per cubic meter,

Appln. No. 10/037,942 Breif for Appelant dated February 4, 2005 Reply to Final Rejection of October 5, 2004

and wherein the foam has an open cell content of 50% or greater, according to American society for Testing and Materials method D2856-A.

- 21. (Previously presented) The panel of Claim 1 wherein at least one edge of the panel is a conformable domain.
- 22. (Previously presented) The panel of Claim 1 wherein the panel domains extend through the thickness of the panel.

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Webster's Third New International Dictionary

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ce-dar \se-dar\ n [ME cedre, fr. OF, fr. L cedrus, fr. Gk kedros] (14c)
1 a: any of a genus (Cedrus) of usu. tall coniferous trees (as the cedar of Lebanon or the deodar) of the pine family noted for their fragrant durable wood b: any of numerous coniferous trees (as of the genera Juniperus, Chamaceyparis, or Thuja) that resemble the true cedars esp. in the fragrance and durability of their wood 2: the wood of a cedar cedar-ap-ple rust \se-dar\-ap-l

erect cones cedar waxwing n (ca. 1844); a brown gregarious American waxwing (Bombycilla cedrorum) with a yellow band on the tip of the tail and a

cedar waxwing n (ca. 1844): a brown gregarious American waxwing (Bombycilla cedrorum) with a yellow band on the tip of the tail and a pale yellow belly ce-dar-wood \secondary secondary with a yellow band on the tip of the tail and a pale yellow belly ce-dar-wood \secondary secondary with n (14c): the wood of a cedar that is espreplient to insects cede \secondary secondary yeld] (1754) 1: to yield or grant typically by treaty 2: \assign secondary yield] (1754) 1: to yield or grant typically by treaty 2: \assign sign secondary yield (1754) 1: to yield or grant typically by treaty 2: \assign secondary yield (1754) 1: to yield or grant typically by treaty 2: \assign secondary yield (1754) 1: to yield or grant typically a medieval form of the letter 2, cedil \secondary secondary yield yield yellow yield yield

cein-ture \sa^n(n)-'tyùr, -'tùr, 'san-chər\ n [ME seynture, fr. MF ceinture, fr. L cinctura — more at CINCTURE] (15c): a belt or sash for the waist cell also cell \sc\ n [short for celluloid] (1938): a transparent sheet of celluloid on which objects are drawn or painted in the making of animated cartoons
cel-a-don \'se-l-a-dian, -l-d\n\ n [F céladon] (ca. 1768) 1: a grayish yellow green 2: a ceramic glaze originated in China that is greenish in color, also: an article with a celadon glaze
cel-an-dine \'se-l-a-din, -den\ n [ME celldoine, fr. MF, fr. L chelidonia, fr. fem. of chelidonius of the swallow, fr. Gk chelidonios, fr. chelidonia, fr. fem. of chelidonius of the poppy family naturalized in the east-ern U.S. 2: LESSER CELADINE
cele n comb form [MF, fr. L, fr. Gk kēlē; akin to OE hēala hernia]
celleb \tso-'leb\ n (ca. 1912): CELEBRITY 2
cel-e-brant \'se-l->brant\ n (1839): one who celebrates; specif: the priest officiating at the Eucharist cel-e-brate \'se-l->brant\ w b-brat-ed; -brat-ing [L celebratus, pp. of celebrate \'se-l->brant\ w b-brat-ed; -brat-ing [L celebratus, pp. of celebrate \'se-l->brant\ w b-brat-ed; -brat-ing [L celebratus, pp. of celebrate \'se-l->brant\ w b-brat-ed; -brat-ing [L celebratus, pp. of celebrate \'se-l->brant\ w b-brat-ed; -brat-ing [L celebratus, pp. of celebrate \'se-l->brant\ w b-brat-ed; -brat-ing [L celebratus, pp. of celebrate \'se-l->brant\ w b-brat-ed; -brat-ing [L celebratus, pp. of celebrate \'se-l->brant\ w (15c) 1: to perform (a sacrament or solemn ceremony) publicily and with appropriate rites \(\sim \) the mass\ 2 a: to honor (as a holiday) by solemn ceremonies or by refraining from ordinary business b: to mark (as an anniversary) by festivities or other deviation from routine 3: to hold up or play up for public notice (her poetry \(\sim \)s the glory of nature\(> \) wi 1: to observe a holiday, perform a religious ceremony, or take part in a festival 2: to observe a notable occasion with festivities syn see KEEP — cel-e-bra-tor \(\) y-br-to-to-to-to-to-to-to-to-to-t

(Apium graveolens rapaceum) grown for its knowly chief for called also celery root called also celery root celeri-ty \sa-ler-o-te\ n [ME celerite, fr. MF, fr. L celeritat-, celeritas, fr. celer swift — more at HOLD] (15c): rapidity of motion or action cel-ery \'se-lo-re, 'sel-re\ n, pl -er-ies [obs. F celeris, fr. It dial. seleri, pl.

\a\ abut \a\ kitten, F table \ar\ further \a\ ash \a\ ace \a\ mop, mar \au\ out \ch\ chin \e\ bet \e\ easy \g\ go \i\ hit \i\ ice \j\ job \y\ yet \zh\ vision \a, k, n, ce, ce, ue, ue, v\ see Guide to Pronunciation

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4, 3

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uchs enus ing= vers ivid le), \TE the 2 ear id-ith to

fuchsia 1

onsidered vulgar considered obs 3 a: Dramn 2 meaningless in from me scene ss intensive from me)
onfused or disordered

ten used as a general.

nand; usm. considered

BLUNDER — usu. con-igh stupedity or care ck-up \"isk-ap\ n relating to or resem-

r) + -oxel (ca. 1909) dextrorestatory form in some brown algae: blood gurups own carestenoid pig-form auchil, fr. Gi d from auchil, fr. Gi s name, fr. L]: any ed in the kelp indused

), Yo-d*Lin\ [origin ake drumk: INTOXI

nknown] (ca. 1904) ervative — fuddy-

—Newsweek); also rm as expected 3 tendency to ~ on cted 3

interjectionally to 2: a soft creamy voring 3: some promise rm inserted into a m or to allow for itrary unspecified

ille, fr. (assumed)
I used to produce
a material from
2: a source of

1: to provide

often used with es the chemical ly into electrical

isu, has a higher

d for fuel itmosphere of a

n a stuffy atmo-

gere] (1634) efore the usual vapor pre

the style of a

light, fr. fuga]

fr. L fugitivus, flee] (14c) 1

: running away or intending flight (~ slave) (~ debtor) 2: moving from place to place: WANDERING 3 a: being of short duration b; difficult to grasp or retain: ELUSIVE c: likely to evaporate, deteriorate, change, fade, or disappear (dyed with ~ colors) 4: being of transient interest (~ essays) syn see TRANSIENT — fu-gi-tive-ness n

transient interest (~ essays) syn see transient — fu-gi-tive-ly adv
— fu-gi-tive-ness n
fugitive n (14c) 1: a person who flees or tries to escape; esp: Refugee 2: something clusive or hard to find
fu-gi-man \f\text{\forall} \text{\forall} \text

ful-ga-rie \ful-g(y)-arit, ful-ja-, fal-\ n [ISV, fr. L fulgur] (1834): an often tubular vitrified crust produced by the fusion of sand or rock by lightning ful-gu-rous \tag{1}-ros\ at [L fulgur] (1865): flashing with lightning ful-gu-rous \tag{1}-ros\ at [L fulgur] (1865): flashing with lightning ful-ham \tag{1}\tag{1}-rous\ \frac{1}{10}-\tag{1}-ros\ at \tag{2} \

Full n (14c) 1 a: the highest or fullest state or degree (the \sim of the moon) b: the utmost extent (enjoy to the \sim) 2: the requisite or complete amount (paid in \sim) 4ull vi (1794) of the moon: to become full \sim vi: to make full in sew-

moon? B: the utmost extent (chipty to the complete amount (paid in ~)
full vi (1794) of the moon: to become full ~ vt: to make full in sewing
full vi (ME, fr. MF fouler to trample under foot, fr. ML fullare to
walk, trample, full, fr. L fullo fuller] (14c): to shrink and thicken
(woolen cloth) by moistening, heating, and pressing
full-back \[\frac{1}{101} \], bak, \[n (1887) \] 1: an offensive football back used primarily for line plunges and blocking 2: a primarily defensive player
usu, stationed nearest the defended goal (as in soccer or field hockey)
full blast adv (1909): at full capacity: with great intensity
ifull-blood \[\frac{1}{101} \], bid\[\frac{1}{2} \] at \[\frac{1}{2} \] FULL BLOODED
full blood \[\frac{1}{101} \], bid\[\frac{1}{2} \] at \[\frac{1}{2} \] : FULL BLOODED
full-blood \[\frac{1}{101} \], bid\[\frac{1}{2} \] at \[\frac{1}{2} \] : FORCEFUL (~ prose
style) 4 a: lacking no particulars: GENUINE b: containing fullness
of substance: RICH — full—blood-ed-ness n
full—blown \[\frac{1}{2} \] bion \[\frac{1}{2} \] if \[\frac{1}{2} \] if \[\frac{1}{2} \] in the ight of bloom e: FULL FLEDGED 2: possessing all the usual or
necessary features (a general philosophy, if not a ~ ideology, is emerging — W. H. Jones\[\frac{1}{2} \] in the plate the general impression of substantial
weight and rich texture 3: having importance, significance, or meaningfulness (~ study of literature)
full circle \[\frac{1}{2} \] involving attention to every detail in preparation or execution (a ~ rehearsal) (a ~ investigation)
full diress \[\frac{1}{2} \] involving and spreading iron
full-dress \[\frac{1}{2} \] involving and spreading iron
full-dress \[\frac{1}{2} \] involving and spreading iron
fuller \[\frac{1}{2} \] involving and

ty and that is used as an austrocht, a little incultain, and a control catalysis full-ler's teasel n (15c): TEASEL 1a full-leash-ioned \full-fas-shond\ adj (1883): employing or produced by a knitting process for shaping to conform to body lines \(\sim \) hosiery\ full-faedged \(\cdot field\) adj (1883) 1: fully developed: TOTAL COMPLETE (a \(\sim \) war\) 2: having attained complete status \(\sim \) lawyer\ full house n (1887): a poker hand containing three of a kind and a pair — see POKER illustration full-length \(\cdot full \)_len(k)th\(\) adj (1760) 1: showing or adapted to the entire length esp. of the human figure \((a \times mirror \) \((a \times dress \) 2: having a length as great as that which is normal or standard for an object of its kind \((a \times p) \) full marks n pl (1916) chiefly \(Brit : \) due credit or commendation full moon n (bef. 12c): the moon with its whole apparent disk illuminated

full time n (1898): the amount of time considered the normal or standard amount for working during a given period full-timer \ful-\full-filmer \ful-\full-filmer \ful-\full-filmer \ful-\full-filmer \ful-\full-filmer \ful-\full-filmer \ful-\full-filmer \ful-\full-filmer \full-filmer \full-fil

southern seas
ful-mi-nant \fui-m>-nənt, 'fəl-\ adj (1602): FULMINATING 3

'ful-mi-nant \fui-mə-nənt, 'fəl-\ adj (1602): FULMINATING 3

'ful-mi-nate \-,nāt\ vb -nat-ed; -nat-ing [ME, fr. ML fulminatus, pp.
of fulminare, fr. L, to strike (of lightning), fr. fulmin-, fulmen lightning;
akin to L flagrare to burn — more at BLACK] w (150): to utter or send
out with denunciation \sim vi: to send forth censures or invectives —
ful-mi-na-tion \fui-mi-na-tion\fu

\a\ abut \a\ kitten, F table \ar\ further \a\ ash \a\ ace \a\ mop, mar \au\out \ch\ chin \c\ bet \easy \g\ go \i\ hit \i\ ice \n sing \n go \n law \n boy \th thin \th the \n loot \n foot

\y\ yet \zh\ vision \a, k, n, ce, ce, ue, ue, ve, see Guide to Pronunciation

their median or lower the halfbacks line up

ick does e of a wish : HOPEFUL ith wishes rather than a desire esp. symboli

if reality to what one of what one wants to

? : regarded as having alistically unobtainable

[2wash] (1786) 1 a

pl. of washy] (ca. 1693) FECTUAL 2: lacking in

(as of hay or straw) 2

ak (a ~ of smoke) 2

irl) (a ~ of a smile) 3

lē\ adv — wisp-i-ness

make wisps of (a ciga—Raymond Chandler) in to ~ into her eyes

isp : INSUBSTANTIAL

dge, OE witan to know!
g power: INTELLIGENCE
warming his five ~s. the
rson) b (1): neemal
is mental capability and
s of perception or judgngly disparate things of
banter or persillage: (2)
or apt humor 4 * 1:
imaginatively perceptive
or persillage — at one? dge, OE witan to kno or persiflage — at one for a means of solving

PARTEE mean a mode of IT suggests the power to iclicity or ingenuity and syful with HUMOR implies nical, and the absurd in at bitterness (a sense of ession in which the incemingly expressed (the on frequently in the form ren to heartless sareasm) cules conduct, doctrines. cules conduct, doctrine ore often through irony, ss). REPARTEE implies the wittily (a dinner guest

viser, akin to OHG wizzo viser; akin to OHG with the witenagemot sc., wizard & wicce, fem-igle divination, and perh) 1: one that is credited to: a woman practicing evil or familiar: SONCE man: HAG 3: a cham-wich-lik\ adj — witchy

witchcraft 2 archaic: 10
i: DOWSE
a: the use of sorcery or
r with a familiar 2: an

r of magic usu. in a primi

(1546) 1 a: the prac-cheraft 2: an irresistible

e mixture (a witches' brew th)

witch-es'-broom \'wi-chəz-,brüm, -,brüm\ n (1881): an abnormal tufted growth of small branches on a tree or shrub caused esp. by fungi

witches'-broom \wi-chaz-brüm, -brüm\ n (1881): an abnormal rulted growth of small branches on a tree or shrib caused esp. by fungion of vitues and sorterers for the celebration of titig and the state of quited forest) (1790) 1 (1

5. 建始 (A. 14) 大陸

RETRACT (2): to recall or remove (a motion) under parliamentary procedure ~ w' 1 a: to move back or away: RETIRE b: to draw back from a battlefield: RETREAT 2 a: to remove oneself from participation b: to become socially or emotionally detached (had withdrawn farther and farther into herself — Ethel Wilson) 3: to recall a motion under parliamentary procedure — with-draw-able \-dro->

motion under parliamentary procedure — with-draw-able \-dro-2-bal\ adj
with-draw-al \-dro(-3)l\ n (1749) 1 a: the act of taking back or
away something that has been granted or possessed b: removal from
a place of deposit or investment c (1): the discontinuance of administration or use of a drug (2): the syndrome of often painful physical
and psychological symptoms that follows discontinuance of an addicting drug (a heroin addict going through ~\ 2 a: retreat or retirement esp. into a more secluded or less exposed place or position b
: an operation by which a military force disengages from the enemy c
(1): social or emotional detachment (2): a pathological retreat from
objective reality (as in some schizophrenic states) 3: REFRACTION,
REVOCATION (threatened us with ~ of consent) 4 a: the act of drawing someone or something back from or out of a place or position b
: COITUS INTERRUPTUS

: COTUSINTERCUPTUS
withdrawing room n (1591): a room to retire to (as from a dining room); esp: DRAWING ROOM
with-drawn\with-dron, with-\adj(1615) 1: removed from immediate contact or easy, approach: ISOLATED 2: socially detached and unresponsive: exhibiting withdrawal: INTROVERTED — with-drawnness \(\frac{1}{2}\) dotn-nas\(\frac{1}{2}\) n with \(\frac{1}{2}\) respective in the contact or easy, approach: ISOLATED 2: socially detached and unresponsive: exhibiting withdrawal: INTROVERTED — with-drawnness \(\frac{1}{2}\) dotn-nas\(\frac{1}{2}\) n with \(\frac{1}{2}\) n with \(\frac{1}{2}\) in \(\frac{1}{2}\) in the come used as a band or line
wither \(\frac{1}{2}\) with-er, \(\frac{1}{2}\) with-er, \(\frac{1}{2}\) in \(\frac{1}

ular masses withe rod n (1846): a No. American viburnum (Viburnum cassinoides)

The physician (1794): a mineral consisting of a carbonate of barium in the form of white or gray twin crystals or columnar or granular masses withe rod n (1846): a No. American viburnum (Viburnum cassinoides) with tough slender shoots with-ers \'wi-thor\n n pl [prob. fr. obs. E wither- against, fr. ME, fr. OE, fr. wither against; fr. the withers being the parts: which resist the pull in drawing a load—more at wrift] (1580) 1: the ridge between the shoulder bones of a horse—see horse illustration 2: a part corresponding to the withers in a quadruped other than a horse with-er-shins \'wi-thor-shonz\) war of widdenshins \wi-thor-shold, with-hold \wi-th-hold, with-hold, with-hold \wi-th-hold, with-hold \wi-thor-shold, with-hold \wi-thor-hold, with-hold \wi-thor-hold, with-hold \wi-thor with from \wi-tholder n hold—more at wrift) \wi\text{if (3)} : to hold back from action: CHECK 2 archaic: to keep in custody 3: to refrain from granting, giving, or allowing (\sim preparating \text{crp} with-holder n witholding tax from income \sim \wi\text{crp} is CREPA (Proparation) \text{crp} with-holder n witholding tax n (1940): a deduction (as from wages, fees, or dividends) levied at a source of income as advance payment on income tax \withhild \wi\text{with-in} \wi\text{with-in} \wi\text{with-in} \wi\text{dr} \wi\text{man} \text{in} \wi\text{dends} \text{levied at a source of income as advance payment on income tax \wi\text{with-in} \wi\text{with-in} \wi\text{dr} \wi\text{dr} \wi\text{dends} \text{levied at a source of income as advance payment on income tax \wi\text{with-in} \wi\text{with-in} \wi\text{dr} \wi\text{dr

on a landing — Current Biog.) 2 archaic: to stop or obstruct the course of syn see oppose withy 'wi-the', n, pl with-les [ME, fr. OE withig; akin to OHG wida willow, L vitis vine, vière to plait — more at WIRE] (bef. 12c) 1: WILLOW: exp: OSIER 1 2: a flexible slender twig or branch (as of osier): WITHE

\o\ abut \o\ kitten, F table \or\ further \a\ ash \a\ ace \a\ mop, mar \au\out \ch\ chin \e\ bet \e\c\ easy \g\ go \i\ hit \i\ ice \n\ sing \o`\ so \o`\ law \o`\ boy \th\ thin \th\ the \o`\ loot \o`\ \loot \o\\ \y\ yet \zh\ vision \a`, k. ". ce, ce, ue, ue, \o`, \see Guide to Pronunciation

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